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No. 1	JULY 1959	Abstract Serial No.	1 to 160
2	OCTOBER 1959		161 to 326
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Analysis of abstracts according to their Main and Secondary Classification numbers

a. Main: b. Secondary

0. MATHEMATICAL METHODS (White)		a.	b.	6. RELATIONSHIPS (Grey)		a.	b.
0. General papers		3	2	0. General papers		9	1
1. Solution of equations		0	6	1. Regression—linear hypothesis		17	13
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4. Special functions and transforms		3	10	4. Other multivariate techniques		9	6
5. Functional relationships		3	1	5. Ranking methods		4	1
6. Determinantal and matrix analysis		9	11	6. Systems of equations; structure		7	5
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<i>Acta Math. Sinica</i>	Acta Mathematica Sinica	China
<i>Acta Pontif. Acad. Sci.</i>	Acta Pontificiae Academiae Scientiarum	Italy
<i>Advanced Management</i>	Advanced Management	U.S.A.
<i>Advanc. Enzymol.</i>	Advances in Enzymology and Related Subjects	U.S.A.
<i>Advanc. Protochem.</i>	Advances in Protochemistry	U.S.A.
<i>Advanc. Vet. Sci.</i>	Advances in Veterinary Science	U.S.A.
<i>Agric. Engng., St Joseph, Mich.</i>	Agricultural Engineering	U.S.A.
<i>Agriculture, London</i>	Agriculture (Min. of Agric.)	Great Britain
<i>Agron. J.</i>	Agronomy Journal	U.S.A.
<i>Allg. Statist. Arch.</i>	Allgemeines Statistisches Archiv	Germany
<i>Amer. Econ. Rev.</i>	American Economic Review	U.S.A.
<i>Amer. Heart J.</i>	American Heart Journal	U.S.A.
<i>Amer. J. Clin. Nutr.</i>	American Journal of Clinical Nutrition	U.S.A.
<i>Amer. J. Clin. Path.</i>	American Journal of Clinical Pathology	U.S.A.
<i>Amer. J. Digestive Diseases</i>	American Journal of Digestive Diseases	U.S.A.
<i>Amer. J. Hum. Genet.</i>	American Journal of Human Genetics	U.S.A.
<i>Amer. J. Hyg.</i>	American Journal of Hygiene	U.S.A.
<i>Amer. J. Math.</i>	American Journal of Mathematics	U.S.A.
<i>Amer. J. Med.</i>	American Journal of Medicine	U.S.A.
<i>Amer. J. Path.</i>	American Journal of Pathology	U.S.A.
<i>Amer. J. Physiol.</i>	American Journal of Physiology	U.S.A.
<i>Amer. J. Publ. Health</i>	American Journal of Public Health	U.S.A.
<i>Amer. J. Sci.</i>	American Journal of Science	U.S.A.
<i>Amer. J. Sociol.</i>	American Journal of Sociology	U.S.A.
<i>Amer. J. Trop. Med. Hyg.</i>	American Journal of Tropical Medicine and Hygiene	U.S.A.
<i>Amer. J. Vet. Res.</i>	American Journal of Veterinary Research	U.S.A.
<i>Amer. Nat.</i>	American Naturalist	U.S.A.
<i>Amer. Statistician</i>	American Statistician	U.S.A.
<i>Analyt. Chem.</i>	Analytical Chemistry	U.S.A.
<i>An. Soc. Cient. Argent.</i>	Anales de la Sociedad Científica Argentina	Argentina
<i>Ann. Acad. Sci. Fenn.</i>	Annales Academiae Scientiarum Fennicae	Finland
<i>Ann. Appl. Biol.</i>	Annals of Applied Biology	Great Britain
<i>Ann. Fac. Econ. Com. Catania</i>	Annali della Facoltà di Economia e Commercio, Catania (University)	Italy
<i>Ann. Fac. Econ. Com. Palermo</i>	Annali della Facoltà di Economia e Commercio, Palermo (University)	Italy
<i>Ann. Fac. Sci. Porto</i>	Annaes da Faculdade de Ciências do Porto	Portugal
<i>Ann. Hum. Genet.</i>	Annals of Human Genetics (London)	Great Britain
<i>Ann. Inst. Poincaré</i>	Annales de l'Institut Henri Poincaré	France
<i>Ann. Inst. Statist. Math., Tokyo</i>	Annals of the Institute of Statistical Mathematics	Japan
<i>Ann. Inst. Sup. Sci. Econ. Financ.</i>	Annaes do Instituto Superior de Ciências Economicas e Financieras	Portugal
<i>Ann. Ist. Statist. Bari</i>	Annali dell'Istituto di Statistica, Bari (University)	Italy
<i>Ann. Math.</i>	Annals of Mathematics	U.S.A.

<i>Ann. Math. Statist.</i>	Annals of Mathematical Statistics	U.S.A.
<i>Ann. N.Y. Acad. Sci.</i>	Annals of the New York Academy of Science	U.S.A.
<i>Ann. Sci. Éc. Norm. Sup., Paris</i>	Annales Scientifiques de l'École Normale Supérieure	France
<i>Ann. Sci. Écon. Appl.</i>	Annales de Sciences Économique Appliquées	France
<i>Ann. Soc. Sci. Bruxelles, I</i>	Annales de la Société Scientifique de Bruxelles— Serie 1	Belgium
<i>Ann. Statist., Rome</i>	Annali di Statistica (Istituto Centrale di Statistica, Roma)	Italy
<i>Ann. Univ. Lyon, A</i>	Annales de l'Université de Lyon—Section A	France
<i>Ann. Univ. Sci. Budapest., Sect. Math.</i>	Annales Universitatis Scientiarum Budapestiensis de Rolando Eötvös nominatae—Sectio Mathematica	Hungary
<i>Annu. Rev. Physiol.</i>	Annual Review of Physiology	U.S.A.
<i>Aplik. Mat.</i>	Aplikace Matematiky	Czechoslovakia
<i>Appl. Sci. Res., Hague</i>	Applied Scientific Research, The Hague	Netherlands
<i>Appl. Statist.</i>	Applied Statistics	Great Britain
<i>Archimede</i>	Archimede	Italy
<i>Arch. Biochem. Biophys.</i>	Archives of Biochemistry and Biophysics	U.S.A.
<i>Arch. Math., Karlsruhe</i>	Archiv der Mathematik	Germany
<i>Ark. Mat.</i>	Arkiv för Matematik	Sweden
<i>Atti (mem.) Accad. Lincei</i>	Atti della Accademia Nazionale dei Lincei	Italy
<i>Atti Riun. Sci., Soc. Ital. Statist.</i>	Atti della Riunione Scientifica, Società Italiana di Statistica, Roma	Italy
<i>Aust. J. Agric. Res.</i>	Australian Journal of Agricultural Research	Australia
<i>Aust. J. Appl. Sci.</i>	Australian Journal of Applied Science	Australia
<i>Aust. J. Biol. Sci.</i>	Australian Journal of Biological Sciences	Australia
<i>Aust. J. Phys.</i>	Australian Journal of Physics	Australia
<i>Aust. J. Sci.</i>	Australian Journal of Science	Australia
<i>Aust. J. Statist.</i>	Australian Journal of Statistics	Australia
<i>Beil. Mber. Öst. Inst. Wirtschaftsf.</i>	Beilagen zu den Monatsberichten des Österreichischen Institutes für Wirtschaftsforschung	Austria
<i>Bell Lab. Record</i>	Bell Laboratories Record	U.S.A.
<i>Bell Syst. Monographs</i>	Bell System Monographs	U.S.A.
<i>Biol. Zent.</i>	Biologisches Zentralblatt	Germany
<i>Bell Syst. Tech. J.</i>	Bell System Technical Journal	U.S.A.
<i>Biometrics</i>	Biometrics	U.S.A.
<i>Biometrika</i>	Biometrika	Great Britain
<i>Biom. Zeit.</i>	Biometrische Zeitschrift	Germany
<i>Blä. Dtsch. Ges. Versich.-math.</i>	Blätter der Deutschen Gesellschaft für Versicherungs- mathematik	Germany
<i>Bol. Fac. Filos. Ciênt. S. Paulo</i>	Boletim da Faculdade de Filosofia, Ciências e Letras, São Paulo	Brazil
<i>Bol. Inst. Actuar. Portug.</i>	Boletim do Instituto dos Actuários Portugueses	Portugal
<i>Bol. Soc. Mat. Mexicana</i>	Boletim de la Sociedad Matemática Mexicana	Mexico
<i>Boll. Cent. Ric. Operat.</i>	Bollettino del Centro per la Ricerca Operativa	Italy
<i>Boll. Un. Mat. Ital.</i>	Bollettino dell'Unione Matematica Italiana	Italy
<i>Brit. J. Nutr.</i>	British Journal of Nutrition	Great Britain
<i>Brit. J. Prev. Soc. Med.</i>	British Journal of Preventive and Social Medicine	Great Britain
<i>Brit. J. Sociol.</i>	British Journal of Sociology	Great Britain
<i>Brit. J. Statist. Psychol.</i>	British Journal of Statistical Psychology	Great Britain
<i>Bull. Acad. Polon. Sci. III</i>	Bulletin de l'Académie des Sciences (Classe 3)	Poland
<i>Bull. Amer. Soc. Test. Mat.</i>	Bulletin, American Society for Testing Materials	U.S.A.
<i>Bull. Ass. Actuaire. Suisses</i>	Bulletin de l'Association des Actuaires Suisses	Switzerland
<i>Bull. Calcutta Math. Soc.</i>	Bulletin of the Calcutta Mathematical Society	India
<i>Bull. Calcutta Statist. Ass.</i>	Bulletin, Calcutta Statistical Association	India
<i>Bull., C.S.I.R.O., Aust.</i>	Bulletins, Commonwealth Scientific and Industrial Research Organisation	Australia
<i>Bull. Indian Soc. Qual. Contr.</i>	Bulletin, Indian Society of Quality Control	India
<i>Bull. Indian Stand. Inst.</i>	Bulletin, Indian Standards Institution	India
<i>Bull. Inst. Égypte</i>	Bulletin de l'Institut d'Égypte, Le Caire	Egypt
<i>Bull. Jap. Statist. Soc.</i>	Bulletin of the Japan Statistical Society	Japan
<i>Bull. Math. Statist.</i>	Bulletin of Mathematical Statistics, Research Associa- tion of Statistical Sciences	Japan

<i>Bull. Nat. Inst. Sci. India</i>	Bulletin, National Institute of Sciences of India	India
<i>Bull. Nat. Soc. Med. Res.</i>	Bulletin of the National Society for Medical Research	U.S.A.
<i>Bull. Oxf. Univ. Inst. Statist.</i>	Bulletin of the Oxford University Institute of Statistics	Great Britain
<i>Bull. Res. Coun. Israel</i>	Bulletin of the Research Council of Israel	Israel
<i>Bull. Res. Inst. Kerala</i>	Bulletin, Central Research Institute, Kerala (University)	India
<i>Bull. Sci. Math.</i>	Bulletin des Sciences Mathématique	France
<i>Bull. Soc. Math. Belg.</i>	Bulletin de la Société Mathématique de Belgique, Gembloux	Belgium
<i>Bull. Soc. Math. France</i>	Bulletin de la Société Mathématique de France	France
<i>Canad. J. Econ. Polit. Sci.</i>	Canadian Journal of Economic and Political Science	Canada
<i>Cancer Bull.</i>	Cancer Bulletin	U.S.A.
<i>Cancer, New York</i>	Cancer (New York)	U.S.A.
<i>Cas. přest. math.</i>	Casopis pro pěstování matematiky	Czechoslovakia
<i>Chem. Engng. Progr.</i>	Chemical Engineering Progress	U.S.A.
<i>Circulation.</i>	Circulation	U.S.A.
<i>Clin. Chem.</i>	Clinical Chemistry	U.S.A.
<i>Colect. Estud.</i>	Colectanea de Estudos	Spain
<i>Coll. Mat.</i>	Collectanea Mathematica	Spain
<i>Colloq. Math.</i>	Colloquium Mathematicum	Poland
<i>Comment. Math. Helvetia</i>	Commentarii Mathematica Helvetia	Switzerland
<i>Comment. Pontif. Acad. Sci.</i>	Commentationes Pontificiae Academiae Scientiarum	Italy
<i>Compos. Math. Groningen</i>	Compositio Mathematica, Groningen	Netherlands
<i>C.R. Acad. Sci. Paris</i>	Comptes Rendus de l'Académie des Sciences, Paris	France
<i>Cornell Vet.</i>	Cornell Veterinarian	U.S.A.
<i>Current Science</i>	Current Science	India
<i>Curso Mira Fernandes</i>	Curso Mira Fernandes	Portugal
<i>Czech. Math. J.</i>	Czechoslovak Mathematical Journal	Czechoslovakia
<i>Dacca Univ. Statist. Bull.</i>	Dacca University Statistical Bulletin	Pakistan
<i>Defense Sci. J.</i>	Defense Science Journal	India
<i>Demográfia</i>	Demográfia	Hungary
<i>Dokl. Akad. Nauk, SSSR</i>	Doklady Akademii Nauk, SSSR.	U.S.S.R.
<i>Dopov. Akad. Nauk. Ukrain, SSR</i>	Dopovedy Akademii Nauk., Ukrainskoj, SSR	U.S.S.R.
<i>Duke Math. J.</i>	Duke Mathematical Journal	U.S.A.
<i>Écon. Appl.</i>	Économie Appliquée	France
<i>Econ. Internazionale</i>	Economia Internazionale	Italy
<i>Econ. J.</i>	Economic Journal	Great Britain
<i>Écon. Leban. Arabe</i>	L'Économie Lebanaise & Arabe, Beirut	Lebanon
<i>Econ. Record</i>	Economic Record	Australia
<i>Econometrica</i>	Econometrica	U.S.A.
<i>Economica</i>	Economica	Great Britain
<i>Edinb. Math. Notes</i>	Edinburgh Mathematical Notes	Great Britain
<i>Égypte Contemp.</i>	L'Égypte Contemporaine de Caire	Egypt
<i>Egyptian Statist. J.</i>	Egyptian Statistical Journal	Egypt
<i>Ekon. Tidskr.</i>	Ekonomisk Tidskrifts	Sweden
<i>Elem. Math.</i>	Elemente der Mathematik	Switzerland
<i>Emp. J. Exp. Agric.</i>	Empire Journal of Experimental Agriculture	Great Britain
<i>Endocrinology</i>	Endocrinology	U.S.A.
<i>Engineer, London</i>	Engineer	Great Britain
<i>Engineering, London</i>	Engineering	Great Britain
<i>Ergebn. Naturw. Grenzgeb.</i>	Ergebnisse der exakten Naturwissenschaften	Germany
<i>Esta</i>	Esta	Spain
<i>Estadistica</i>	Estadistica	U.S.A.
<i>Euclides, Groningen</i>	Euclides, Groningen	Netherlands
<i>Eugen. Rev.</i>	Eugenics Review	Great Britain
<i>Evolution</i>	Evolution	U.S.A.
<i>Experientia</i>	Experientia	Germany
<i>Exp. Med. Surgery</i>	Experimental Medicine and Surgery	U.S.A.
<i>Food Res.</i>	Food Research	U.S.A.
<i>Food Tech.</i>	Food Technology	U.S.A.

<i>Ganita</i>	Ganita, Lucknow-Allahabad (Universities)	India
<i>Gaz. Mat.</i>	Gazeta de Matemática	Portugal
<i>G. Economisti</i>	Giornale degli Economisti e Annali di Economia	Italy
<i>G. Ist. Ital. Attuari</i>	Giornale dell'Istituto Italiano degli Attuari	Italy
<i>Genetics</i>	Genetics	U.S.A.
<i>Genus</i>	Genus	Italy
<i>Growth</i>	Growth	U.S.A.
<i>Harvard Busin. Rev.</i>	Harvard Business Review	U.S.A.
<i>Helvetica Phys. Acta</i>	Helvetica Physica Acta	Switzerland
<i>Heredity</i>	Heredity	Great Britain
<i>Hum. Biol.</i>	Human Biology	U.S.A.
<i>IFO-Studien</i>	IFO-Studien	Germany
<i>Illinois J. Math.</i>	Illinois Journal of Mathematics	U.S.A.
<i>Inc. Statist.</i>	Incorporated Statistician	Great Britain
<i>Indag. Math.</i>	Indagationes Mathematicae, Amsterdam	Netherlands
<i>Indian Coun. Agric. Res. Bull.</i>	Indian Council of Agricultural Research : Bulletin	India
<i>Indian Coun. Agric. Res. Statist. Newsletter</i>	Indian Council of Agricultural Research : Statistical Newsletter	India
<i>Indian Econ. J.</i>	Indian Economic Journal	India
<i>Indian Econ. Rev.</i>	Indian Economic Review	India
<i>Indian J. Agric. Econ.</i>	Indian Journal of Agricultural Economics	India
<i>Indian J. Phys.</i>	Indian Journal of Physics	India
<i>Indian J. Power & River Devel.</i>	Indian Journal of Power and River Development	India
<i>Indian J. Soc. Work</i>	Indian Journal of Social Work	India
<i>Indian Math. Soc. J.</i>	Indian Mathematical Society Journal	India
<i>Industr. Engng. Chem.</i>	Industrial and Engineering Chemistry	U.S.A.
<i>Industr. Qual. Contr.</i>	Industrial Quality Control	U.S.A.
<i>Industria, Milano</i>	L'Industria	Italy
<i>Ingen.-Arch.</i>	Ingenieur-Archiv	Germany
<i>Iowa Acad. Sci. J.</i>	Iowa Academy of Science Journal	U.S.A.
<i>Iowa Exp. Sta. Publ.</i>	Iowa State College Experiment Station Publications	U.S.A.
<i>Izv. Akad. Nauk, SSSR</i>	Izvestiya Akademii Nauk, SSSR	U.S.S.R.
<i>Izv. Akad. Nauk, Uzbek., SSR.</i>	Izvestiya Akademii Nauk, Uzbekskoj, SSR.	U.S.S.R.
<i>Jb. Nat.-Ökon. Statist.</i>	Jahrbücher für Nationalökonomie und Statistik	Germany
<i>Jber. Dtsch. Mathver.</i>	Jahresbericht der Deutschen Mathematikervereinigung	Germany
<i>J. Agric. Food Chem.</i>	Journal of Agricultural and Food Chemistry	U.S.A.
<i>J. Agric. Sci.</i>	Journal of Agricultural Science	Great Britain
<i>J. Amer. Pharm. Ass.</i>	Journal of the American Pharmaceutical Association (Scientific Edition)	U.S.A.
<i>J. Amer. Statist. Ass.</i>	Journal, American Statistical Association	U.S.A.
<i>J. Amer. Vet. Med. Ass.</i>	Journal of American Veterinary Medicine Association	U.S.A.
<i>J. Animal Sci.</i>	Journal of Animal Sciences	U.S.A.
<i>J. Appl. Physiol.</i>	Journal of Applied Physiology	U.S.A.
<i>J. Ass. Comp. Mach.</i>	Journal of the Association of Computing Machinery	U.S.A.
<i>J. Aust. Inst. Agric. Sci.</i>	Journal of the Australian Institute of Agricultural Science	Australia
<i>J. Aust. Math. Soc.</i>	Journal of the Australian Mathematical Society	Australia
<i>J. Biol. Chem.</i>	Journal of Biological Chemistry	U.S.A.
<i>J. Chronic Diseases</i>	Journal of Chronic Diseases	U.S.A.
<i>J. Clin. Invest.</i>	Journal of Clinical Investigation	U.S.A.
<i>J. Dairy Sci.</i>	Journal of Dairy Science	U.S.A.
<i>J. Ecology</i>	Journal of Ecology	Great Britain
<i>J. Econ. Ent.</i>	Journal of Economic Entomology	U.S.A.
<i>J. Exp. Educ.</i>	Journal of Experimental Education	U.S.A.
<i>J. Exp. Med.</i>	Journal of Experimental Medicine	U.S.A.
<i>J. Forestry</i>	Journal of Forestry	U.S.A.
<i>J. Gen. Physiol.</i>	Journal of General Physiology	U.S.A.
<i>J. Genet.</i>	Journal of Genetics	India
<i>J. Heredity</i>	Journal of Heredity	U.S.A.
<i>J. Hyg., Camb.</i>	Journal of Hygiene, Cambridge	Great Britain

<i>J. Industr. Econ.</i>	Journal of Industrial Economics	Great Britain
<i>J. Industr. Engng.</i>	Journal of Industrial Engineering	U.S.A.
<i>J. Indian Soc. Agric. Statist.</i>	Journal of the Indian Society of Agricultural Statistics	India
<i>J. Inst. Actuar.</i>	Journal of the Institute of Actuaries	Great Britain
<i>J. Inst. Actuar. Stud. Soc.</i>	Journal of the Institute of Actuaries Students' Society	Great Britain
<i>J. Madras Univ., B</i>	Journal of Madras University, Section B.	Great Britain
<i>J. Mammalogy</i>	Journal of Mammalogy	U.S.A.
<i>J. Marine Res.</i>	Journal of Marine Research	U.S.A.
<i>J. Math. Pures Appl.</i>	Journal de Mathématiques Pures et Appliquées	France
<i>J. Math. Soc. Japan</i>	Journal of the Mathematical Society of Japan	Japan
<i>J. Nat. Cancer Inst.</i>	Journal of the National Cancer Institute	U.S.A.
<i>J. Nutrition</i>	Journal of Nutrition	U.S.A.
<i>J. Pharmacol.</i>	Journal of Pharmacology and Experimental Therapeutics	U.S.A.
<i>J. Plant Physiol.</i>	Journal of Plant Physiology	U.S.A.
<i>J. Polit. Econ.</i>	Journal of Political Economy	U.S.A.
<i>J. reine angew. Math.</i>	Journal für reine und angewandte Mathematik	Germany
<i>J. Res., Nat. Bur. Stand.</i>	Journal of Research, National Bureau of Standards, Washington	U.S.A.
<i>J. Roy. Soc., N.S.W.</i>	Journal of the Royal Society, N.S. Wales	Australia
<i>J. R. Statist. Soc. A & B</i>	Journal of the Royal Statistical Society (Series A & B)	Great Britain
<i>J. Sci. Engng.</i>	Journal of Science and Engineering	India
<i>J. Sci. Industr. Res.</i>	Journal of Scientific and Industrial Research	U.S.A.
<i>J. Sci. Industr. Res., India</i>	Journal of Scientific and Industrial Research	India
<i>J. Soc. Statist. Paris</i>	Journal de la Société Statistique de Paris	France
<i>J. Statist. Social Inquiry Soc.</i>	Journal of the Statistical and Social Inquiry Society of Ireland	Ireland
<i>J. Univ. Baroda</i>	Journal, Maharaja Sayajiroa, Baroda University	India
<i>Kōdai, Tokyo Inst. Tech.</i>	Kōdai Mathematical Seminar reports, Tokyo Institute of Technology	Japan
<i>Magy. Tud. Akad. III Oszt. Közl.</i>	Magyar Tudományos Akadémia Matematikai és Fizikai Osztályának Közleményei	Hungary
<i>Management Sci. Manager (India)</i>	Management Science Manager	U.S.A.
<i>Manchester School</i>	Manchester School	India
<i>Matemática</i>	Matemática, Notas del Instituto de Matemática Facultad de Ingeniería de Rosario	Great Britain
<i>Mat. Lapok</i>	Matematikai Lapok	Argentina
<i>Math. Ann.</i>	Mathematische Annalen	Hungary
<i>Math. Comp.</i>	Mathematics of Computation	Germany
<i>Math. Gaz.</i>	Mathematical Gazette	U.S.A.
<i>Math. Nachr.</i>	Mathematische Nachrichten	Great Britain
<i>Math. Stud.</i>	Mathematics Students	Germany
<i>Math. Tech. Wirtschaft</i>	Mathematik, Technik, Wirtschaft (Zeitschrift für moderne Rechentechnik und Automation)	India
<i>Math. Zeit.</i>	Mathematische Zeitschrift	Austria
<i>Meded. Landbouwoogesch. Wageningen</i>	Mededeelingen van de Landbouwhoogeschool, Wageningen	Germany
<i>Mem. Coll. Sci., Kyoto</i>	Memoirs of the College of Science, Kyoto (University)	Netherlands
<i>Mem. Fac. Sci. A, Kyusyu</i>	Memoirs of the Faculty of Science (Series A), Kyusyu (University)	Japan
<i>Mém. Soc. Sci. Liège</i>	Mémoires de la Société Royale des Sciences de Liège	Japan
<i>Metabolism</i>	Metabolism	Belgium
<i>Met. Mag., London</i>	Meteorological Magazine	U.S.A.
<i>Metrika</i>	Metrika	Great Britain
<i>Metroeconomica</i>	Metroeconomica	Germany
<i>Metron</i>	Metron	Italy
<i>Mitt. Math. Gissen</i>	Mitteilungen aus dem Mathematischen Seminar Gissen	Italy
<i>Mitt. Ver. Schweiz. Versich.-Math.</i>	Mitteilungen der Vereinigung Schweizerischer Versicherungs-Mathematiker	Germany

<i>Monatsh. Math.</i>	Monatshefte für Mathematik	Austria
<i>Monthly Not. R. Astr. Soc.</i>	Monthly Notices of the Royal Astronomical Society	Great Britain
<i>Nat. Bur. Stand., Statist. Rep.</i> & <i>Publ.</i>	National Bureau of Standards, Washington : Statistical Reports and Publications	U.S.A.
<i>Nature</i>	Nature (London)	Great Britain
<i>Naturwiss.</i>	Naturwissenschaften	Germany
<i>Ned. Verzek. Actuar. Bij.</i>	Nederlands Verzekeringsarchief, Actuariel Bijvoegsel, The Hague	Netherlands
<i>Nieuw Arch. Wisk.</i>	Nieuw Archief voor Wiskunde, Groningen	Netherlands
<i>Nieuw Tijdschr. Wisk.</i>	Nieuw Tijdschrift voor Wiskunde, Groningen	Netherlands
<i>Numer. Math.</i>	Numerische Mathematik	Germany
<i>Operat. Res.</i>	Operations Research Society of America, Journal	U.S.A.
<i>Operat. Res. Quart.</i>	Operational Research Quarterly	Great Britain
<i>Osaka Math. J.</i>	Osaka Mathematical Journal, Osaka (University)	Japan
<i>Öst. Ingen.-arch.</i>	Österreichisches Ingenieurarchiv	Austria
<i>Oxf. Econ. Papers</i>	Oxford Economic Papers	Great Britain
<i>Pacific J. Math.</i>	Pacific Journal of Mathematics	U.S.A.
<i>Pakistan Econ. J.</i>	Pakistan Economic Journal	Pakistan
<i>Phil. Mag.</i>	Philosophical Magazine	Great Britain
<i>Phil. Phenom. Res.</i>	Philosophical and Phenomenological Research	Great Britain
<i>Phil. Trans.</i>	Philosophical Transactions of the Royal Society	Great Britain
<i>Population Stud.</i>	Population Studies	Great Britain
<i>Portug. Math.</i>	Portugaliae Mathematica	Portugal
<i>Poultry Sci.</i>	Poultry Science	U.S.A.
<i>Proc. Amer. Math. Soc.</i>	Proceedings of the American Mathematical Society	U.S.A.
<i>Proc. Amer. Soc. Hort. Sci.</i>	Proceedings, American Society for Horticultural Science	U.S.A.
<i>Proc. Amer. Soc. Qual. Contr.</i>	Proceedings of the American Society for Quality Control	U.S.A.
<i>Proc. Amer. Soc. Test. Mat.</i>	Proceedings of the American Society for Testing Materials	U.S.A.
<i>Proc. Camb. Phil. Soc.</i>	Proceedings of the Cambridge Philosophical Society	Great Britain
<i>Proc. Indian Acad. Sci.</i>	Proceedings of the Indian Academy of Sciences of India	India
<i>Proc. Indian Ass. Cult. Sci.</i>	Proceedings of the Indian Association for Cultivation of Science	India
<i>Proc. Indian Sci. Congr.</i>	Proceedings of the Indian Science Congress	India
<i>Proc. Inst. Statist. Math., Tokyo</i>	Proceedings of the Institute of Statistical Mathematics	Japan
<i>Proc. Japan Acad.</i>	Proceedings of the Japan Academy	Japan
<i>Proc. Kon. Ned. Akad.</i> <i>Wetensch. A</i>	Proceedings, Koninklijke Nederlandsche Akademie van Wetenschappen (A)	Netherlands
<i>Proc. Lahore Phil. Soc.</i>	Proceedings of the Lahore Philosophical Society	India
<i>Proc. Lond. Math. Soc.</i>	Proceedings of the London Mathematical Society	Great Britain
<i>Proc. Math. Phys. Soc. Egypt</i>	Proceedings of the Mathematical and Physical Society of Egypt	Egypt
<i>Proc. Nat. Acad. Sci. India</i>	Proceedings of the National Academy of Sciences of India	India
<i>Proc. Nat. Acad. Sci. U.S.A.</i>	Proceedings of the National Academy of Sciences of the U.S.A.	U.S.A.
<i>Proc. Nat. Inst. Sci.</i> <i>India (A & B)</i>	Proceedings of the National Institute of Sciences of India (Section A & B)	India
<i>Proc. Pakistan Statist. Ass.</i>	Proceedings of the Pakistan Statistical Association	Pakistan
<i>Proc. Qual. Contr. Ass.</i> <i>Bangalore</i>	Proceedings of the Quality Control Association, Bangalore	India
<i>Proc. Roy. Irish Acad.</i>	Proceedings of the Royal Irish Academy	Ireland
<i>Proc. Roy. Soc. (A & B)</i>	Proceedings of the Royal Society (Series A & B)	Great Britain
<i>Proc. Roy. Soc. N.S.W.</i>	Proceedings of the Royal Society of N.S. Wales	Australia
<i>Proc. Roy. Soc. N.Z.</i>	Proceedings of the Royal Society of New Zealand	New Zealand
<i>Proc. Soc. Exp. Biol., N.Y.</i>	Proceedings of the Society of Experimental Biology and Medicine	U.S.A.

<i>Proc. Soil Sci. Soc. Amer.</i>	Proceedings, Soil Science Society of America	U.S.A.
<i>Przegl. Statyst.</i>	Przegląd Statystyczny	Poland
<i>Psychometrika</i>	Psychometrika	U.S.A.
<i>Public Health Rep.</i>	Public Health Reports	U.S.A.
<i>Public Opinion Quart.</i>	Public Opinion Quarterly	U.S.A.
<i>Publ. Inst. Mat. Estadist. Fac.</i> <i>Ingen. Agric., Montevideo</i>	Publicaciones del Instituto de Matemáticas y Estadística de la Facultad de Ingeniería y Agrimensura, Montevideo	Uruguay
<i>Publ. Inst. Statist. Paris</i>	Publications de l'Institut de Statistique de l'Université de Paris	France
<i>Publ. Math., Debrecen</i>	Publicationes Mathematicae	Hungary
<i>Publ. Math. Inst. Hung. Acad. Sci.</i>	Publications of the Mathematical Institute of the Hungarian Academy of Sciences	Hungary
<i>Qualitätskontr. Operat. Res.</i>	Qualitätskontrolle und Operational Research	Germany
<i>Quart. J. Econ.</i>	Quarterly Journal of Economics	U.S.A.
<i>Quart. J. Exp. Physiol.</i>	Quarterly Journal of Experimental Physiology	U.S.A.
<i>Quart. J. Math.</i>	Quarterly Journal of mathematics, Oxford	Great Britain
<i>Quart. J. Med.</i>	Quarterly Journal of Medicine	Great Britain
<i>Quart. J. R. Met. Soc.</i>	Quarterly Journal of the Royal Meteorological Society	Great Britain
<i>RAND Corp., Publ. & Rep.</i>	RAND Corporation, Publications and Reports	U.S.A.
<i>R.C. Accad. Lincei</i>	Rendiconti dell'Accademia Nazionale dei Lincei	Italy
<i>R.C. Circ. Mat. Palermo</i>	Rendiconti del Circolo Matematico, Palermo	Italy
<i>R.C. Mat. Univ. Roma</i>	Rendiconti di Matematica e delle sue applicazioni	Italy
<i>R.C. Semin. Sci. Cagliari</i>	Rendiconti del Seminario della Facoltà di Scienze, Cagliari (University)	Italy
<i>Rep. Statist. Appl. Res. (JUSE)</i>	Reports of Statistical Application Research, Union of Japanese Scientists & Engineers	Japan
<i>Research, Beirut</i>	Research, American University, Beirut	Lebanon
<i>Rev. Acad. Madrid</i>	Revista de la Real Academia de Ciencias Exactas	Spain
<i>Rev. Brasil. Estatist.</i>	Revista Brasileira de Estatística	Brazil
<i>Rev. Cienc. Tucumán</i>	Revista de Ciencias de la Universidad Nacional del Tucumán	Argentina
<i>Rev. Écon.</i>	Revue Économique	France
<i>Rev. Econ. Statist.</i>	Review of Economics and Statistics	U.S.A.
<i>Rev. Econ. Stud.</i>	Review of Economic Studies	Great Britain
<i>Rev. Economia, Lisbon</i>	Revista de Economia	Portugal
<i>Rev. Estocást. Soc. Argent.</i> <i>Estatíst.</i>	Revista Estocástica de la Sociedad Argentina de Estadística	Argentina
<i>Rev. Fac. Cienc. Econ. Admin.</i> <i>Montevideo</i>	Revista de la Facultad de Ciencias Economicas y de Administracion, Montevideo	Uruguay
<i>Rev. Fac. Cienc. Lisboa, A</i>	Revista da Faculdade de Ciencias de Lisboa, Série A—Matemática	Portugal
<i>Rev. Int. Statist. Inst.</i>	Review, International Statistical Institute	Netherlands
<i>Rev. Mat. Hisp.-Amer.</i>	Revista Matematica Hispano-Americana	Spain
<i>Rev. Rech. Operat.</i>	Revue de Recherche Operationelle	France
<i>Rev. Sci., Paris</i>	Revue Scientifique	France
<i>Rev. Soc. Cubana Cienc. Fis.</i> <i>Mat.</i>	Revista de la Sociedad Cubana de Ciencias, Físicas y Matemáticas	Cuba
<i>Rev. Statist. Appl.</i>	Revue de Statistique Appliquée	France
<i>Ric. Sci.</i>	Ricerca Scientifica	Italy
<i>Riv. Int. Sci. Soc.</i>	Rivista Internazionale di Scienze Sociali	Italy
<i>Riv. Ital. Econ. Demogr. Statist.</i>	Rivista Italiana di Economia Demografia e Statistica	Italy
<i>Riv. Polit. Econ.</i>	Rivista di Politica Economia	Italy
<i>Sankhyā</i>	Sankhyā ; Indian Journal of Statistics	India
<i>Schmollers Jb.</i>	Schmollers Jahrbuch	Germany
<i>Schr. Ver. Sozialpolit.</i>	Schriften des Vereins für Sozialpolitik	Germany
<i>Schweiz. Zeit. Volkswirtsch.</i> <i>Statist.</i>	Schweizerische Zeitschrift für Volkswirtschaft und Statistik	Switzerland

<i>Science</i>	Science	U.S.A.
<i>Science & Culture</i>	Science and Culture	India
<i>Scientia</i>	Scientia	Italy
<i>Scottish J. Polit. Econ.</i>	Scottish Journal of Political Economy	Great Britain
<i>Simon Stevin</i>	Simon Stevin, Groningen	Netherlands
<i>Skand. Aktuartidskr.</i>	Skandinavisk Aktuariatidskrift	Sweden
<i>Sociometry</i>	Sociometry	U.S.A.
<i>Soil Sci.</i>	Soil Science	U.S.A.
<i>South Africa J. Econ.</i>	South African Journal of Economics	South Africa
<i>Statistica, Bologna</i>	Statistica	Italy
<i>Statist. Nachr.</i>	Statistische Nachrichten	Austria
<i>Statist. Neerlandica</i>	Statistica Neerlandica, Den Haag	Netherlands
<i>Statist. Praxis</i>	Statistische Praxis	Germany
<i>Statist. Qual. Contr.</i>	Statistical Quality Control	Japan
<i>Statist. Rev., Belgrade</i>	Statisticka Revija	Yugoslavia
<i>Studi Mercato</i>	Studi di Mercato	Italy
<i>Studia Math.</i>	Studia Mathematica	Poland
<i>Studies Inst. Med. Res.</i>	Studies of the Rockefeller Institute for Medical Research	U.S.A.
<i>Sugaku</i>	Sugaku (Mathematical Society of Japan)	Japan
<i>Tech. News, Nat. Bur. Stand.</i>	Technical News Letter, National Bureau of Standards, Washington	U.S.A.
<i>Tech. Publ., Amer. Soc. Test. Mat.</i>	Technical Publications, American Society for Testing Materials	U.S.A.
<i>Tech. Rep., C.S.I.R.O., Aust.</i>	Technical Reports, Commonwealth Scientific & Industrial Research Organisation	Australia
<i>Technometrics</i>	Technometrics	U.S.A.
<i>Teor. Veroyat. Primen.</i>	Teoriia Veroyatnostey i ee Primeneniya	U.S.S.R.
<i>Textile Res.</i>	Textile Research	U.S.A.
<i>Tobacco Sci.</i>	Tobacco Science	U.S.A.
<i>Trans. Amer. Math. Soc.</i>	Transactions of the American Mathematical Society	U.S.A.
<i>Trab. Estadist.</i>	Trabajos de Estadística	Spain
<i>Trans. Edinb. Math. Soc.</i>	Transactions of the Edinburgh Mathematical Society	Great Britain
<i>Trans. Fac. Actuar., Edinb.</i>	Transactions of the Faculty of Actuaries	Great Britain
<i>Trans. Manchester Statist. Soc.</i>	Transactions of the Manchester Statistical Society	Great Britain
<i>Trans. Nat. Inst. Sci. India</i>	Transactions of the National Institute of Sciences of India	India
<i>Trans. N.Y. Acad. Sci.</i>	Transactions of the New York Academy of Science	U.S.A.
<i>Trans. Roy. Soc. N.Z.</i>	Transactions of the Royal Society, N. Zealand	New Zealand
<i>Trans. Soc. Actuar., Chicago</i>	Transactions of the Society of Actuaries	U.S.A.
<i>Ukrain. Mat. Z.</i>	Ukrainskij Matematicheskij Zhurnal	U.S.S.R.
<i>U.N. (F.A.O.) Tech. Publ.</i>	United Nations (Food and Agricultural Organisation) Technical Publications	Italy
<i>U.N. Statist. Publ.</i>	United Nations : Statistical Office Publications	U.S.A.
<i>Univ. Calif. Pub. Statist.</i>	University of California Publications in Statistics	U.S.A.
<i>Unternehmensforschung</i>	Unternehmensforschung (Operations Research)	Germany
<i>U.S. Census Publ.</i>	U.S. Bureau of the Census, Publications	U.S.A.
<i>U.S. Dept. Agric., Publ.</i>	U.S. Department of Agriculture, Publications	U.S.A.
<i>Verh. Kon. Belg. Akad. II</i>	Verhandelingen. Koninklijke Belgische Akademie (Serie 2)	Belgium
<i>Verh. Vlaamse Akad. Belg.</i>	Verhandelingen. Koninklijke Vlaamse Akademie	Belgium
<i>Vitamins & Hormones</i>	Vitamins and Hormones	U.S.A.
<i>Weltwirts. Arch.</i>	Weltwirtschaftliches Archiv	Germany
<i>Wirtsch. und Statist.</i>	Wirtschaft und Statistik	Germany
<i>Yorkshire Bull. Econ. Soc. Res.</i>	Yorkshire Bulletin of Economic and Social Research	Great Britain

<i>Zastosowania Mat.</i>	Zastosowania Matematyki	Poland
<i>Zeit. angew. Math. Mech.</i>	Zeitschrift für angewandte Mathematik und Mechanik	Germany
<i>Zeit. angew Math. Phys.</i>	Zeitschrift für angewandte Mathematik und Physik	Switzerland
<i>Zeit. ges. Staatswiss.</i>	Zeitschrift für die gesamte Staatswissenschaft	Germany
<i>Zeit. Handelswiss. Forsch.</i>	Zeitschrift für Handelswissenschaftliche Forschung	Germany
<i>Zeit. Nat.-Ökon.</i>	Zeitschrift für Nationalökonomie	Austria
<i>Zeit. Vererbungs.</i>	Zeitschrift für Vererbungslehre	Germany

The short titles given above are based upon the principles stated in the League of Nations report *International Code of Abbreviations for Titles of Periodicals* (1930) and its *Supplement* (1932) as also used in the *World List of Scientific Periodicals*

NOTE : In future the above full list will be published only in the Annual Index and Review Supplement.

INDEX OF BOOK REVIEWS

Although it is the policy of this abstracting journal to exclude books and other publications which fall within the scope of the review sections of the established journals, it is possible to render a service to subscribers by providing annually a coordinated index of these reviews. Accordingly, reviews of books which would otherwise come within the scope of this Journal have been indexed in the following schedule. These reviews are taken from thirty of the principal statistical and other journals which maintain review sections and which were readily available to the General Editor. Hence, this list does not claim to be exhaustive and efforts will be made toward extending its coverage in future annual supplements. This present list covers issues of the various journals nominally dated 1959

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Journal, Société Statistique de Paris (<i>J. Soc. Statist. Paris</i>)	100	Trabajos de Estadística (<i>Trab. Estadist.</i>)	10
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- GASS, Linear programming: methods and operations. *Biometrika*, 494; *Operat. Res.*, 400
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BIBLIOGRAPHIC NOTES

1

THE following schedule gives those abstracts of papers where the number of quoted references is twenty or more: exception is made for papers which are classified **11.9** (Bibliography) e.g., No. 155 Mendenhall.

	No.		refs.
0. Mathematical Methods			
Madansky	162	0.5	53
Pfanzagl	163	0.0	40
1. Probability			
Barton & David	345	1.3	23
Dantzig	351	1.8	27
Schmid	181	1.5	24
2. Frequency Distributions			
Aggarwal & Guttman	187	2.8	25
Barberi	568	2.0	184
Cox	570	2.5	22
Klerk-Grobbe	192	2.7	26
3. Sampling Distributions			
Boneau	584	3.1	22
Bose & Gupta	585	3.8	22
Harter	384	3.8	21
Watson	391	3.1	25
4. Estimation			
Gart	214	4.5	21
Schmetterer	218	4.6	43
5. Hypothesis Testing			
Colombo	618	5.7	23
James	623	5.3	25
Kiefer	230	5.4	26
Konijn	414	5.6	50
Pfanzagl	235	5.2	20
6. Relationships			
Anderson & Fruchter	639	6.2	25
Blackith	641	6.3	21
Cox	80	6.8	20
Finney	646	6.8	30
Goodman & Kruskal	649	6.9	157
Hewlett & Plackett	650	6.8	29
Konijn	653	6.0	28
Kruskal	434	6.9	28
Lienert	247	6.3	26
Theil & Klock	257	6.6	32
Turner & Stevens	258	6.6	23
Wette	446	6.0	27
7. Variance Analysis			
Biggers	261	7.4	23
Ryan	673	7.7	23
8. Sampling Design			
Milne	461	8.6	26
Nisselson & Woolsey	462	8.5	21
Savage	465	8.8	24
9. Design of Experiments			
Atiqullah	111	9.1	20
Finney	697	9.4	21

10. Stochastic Theory and Time Series

Analysis	No.		refs.
Barker	121	10.9	22
Bruckmann & Pfanzagl	713	10.0	57
Joshi	497	10.5	39
Ogawara	739	10.0	36
Schmetterer	513	10.5	76
Smith	142	10.0	98
Smith	315	10.1	21
Weinstein	521	10.7	28
11. Miscellaneous			
Panizzon	529	11.0	26

2

Papers which contain tables of useful statistical functions other than those classified **11.1** (Statistical Tables and Charts).

2. Frequency Distributions			
Johnson	No. 26	2.7	Mean deviation: Type III
3. Sampling Distributions			
Merrington & Pearson	39	3.2	Non-central t
Pillai & Samson	201	3.9	Hotelling's T^2
Ramachandran	202	3.3	Studentised smallest χ^2
Eeden	383	3.2	Non-central t
4. Estimation			
Guttman	399	4.5	Tolerance regions: non-normal
Jilék & Likar	401	4.5	Tolerance limits: normal
5. Hypothesis Testing			
Siotani	417	5.5	Generalised dis- tance: extreme value in multi- variate normal
6. Relationships			
Eeden & Korswagen	645	6.5	Kendall's rank correlation test

3

Analysis of data from life tests, etc.

This note does not pretend to include a reference to abstracts of all papers which could be relevant to problems of description, estimation and hypothesis testing in connection with the analysis of data from life tests or service experience. Such problems often pose statistical questions which are quite general and hence could make use of a wide range of papers abstracted in this journal. However, there are some papers which are either specifically related to this special group of problems or which may be reckoned to have an immediate bearing upon them. Accordingly, these papers are included in the following paragraphs.

Attention is drawn to the select, but extensive, bibliography of well over six hundred references prepared by Mendenhall and published in *Biometrika* [No. 155 (11.9)]. The topic-groups used in that bibliography will, to some extent, be used in this present note in order to maintain some continuity.

The statistical distribution which has figured prominently in the analysis of life-test data—the exponential distribution—has four references in addition to any which may be concerned primarily with censored sampling from truncated populations (see below). No. 570 Cox (2.5) analyses the situation when there are two or more types of failure present and one of four probability models of risk. For more of the statistical attributes of the exponential distribution the three abstracts No. 57 Sarhan (4.6); No. 203 Rider (3.6) and No. 628 Pfanzagl (5.0) should be consulted. Sarhan considers measures of location; Rider, the quasi-ranges and Pfanzagl derives significance tests together with confidence intervals and point estimates for a class of exponential frequency distributions. The discrete analogue of the exponential distribution is the geometric distribution and attention is directed to a short paper on confidence limits for this distribution: No. 396 Clemans (4.4). Another distribution form which has been finding increasing favour in this field is the Weibull distribution and two papers: No. 376 Kao (2.5) and No. 600 Kao (4.3) are of interest in this connection. They both deal with further aspects of the important practical situation where the failures are of two broad types.

The gamma (or Pearson Type III) distribution is also prominent among the statistical forms with which life-test data may be analysed and abstract No. 192 Klerk-Grobber (2.7) takes note of a summary report which should be welcome to statisticians working on problems of the assessment of the life characteristic. Two other papers on this particular distribution are No. 26 Johnson (2.7) dealing with the mean deviation in samples from a gamma population and No. 368 Amato (2.5) on approximate relationships between the negative binomial and the gamma distribution.

In the sphere of censored sampling—a technique which is of great practical use in connection with problems of life testing—there are three papers: No. 604 Sarhan & Greenberg (4.3) on estimation of location and scale parameters for a rectangularly distributed population; No. 54 Mendenhall & Hader (4.3) on estimation of parameters for mixed exponential distributions and No. 607 Watterson (4.8) on linear estimation for multivariate normal populations. Truncated populations figure with two papers—both for normally distributed variates. No. 366 Aggarwal & Guttman (2.8) give tables of the cumulative distribution functions of samples from symmetrically truncated populations and No. 582 Weiler (2.8) dealt with the mean and standard deviation of the bivariate distribution.

Tests of "goodness-of-fit" based upon distribution functions are frequently used in the field of life test analysis and the following four abstracts of papers are worthy of note: No. 230 Kiefer (5.4) which was primarily concerned with the k -sample analogues of the Kolmogoroff and Cramér-von Mises tests; No. 181 Schmid (1.5) extended the Kolmogoroff and Smirnov limit theorems to discontinuous distribution functions and No. 69 Ishii (5.6) dealt with other aspects of these limit theorems in connection with distribution-free tests where two samples of data are merged and ordered. The fourth paper No. 622 Ishii (5.6) dealt with

a non-parametric test that one cumulative distribution is stochastically larger than another—using data from censored samples.

One aspect of the analysis of data from life tests and fatigue experiments is that problem of extreme values: the estimation of their probabilities of occurrence either for its own sake or in order to reject as an outlying observation. In No. 24 Dronkers (2.6) some approximate formulae are derived for the distributions of extreme values from initial distributions which are either exponential, Cauchy or a finite range. No. 381 Wilks (2.6) considered aspects of the recurrence of extreme values and No. 36 Geffroy (3.8) abstracts the first part of a thesis where the estimation of the extremes is studied in relation to the stochastic behaviour of the "middle" of a sample. In another paper, No. 403 Levert (4.5) a nomogram for confidence intervals and exceedence probabilities is described and constructed. Finally, a large sample non-parametric method for the rejection of outlying observations is given in No. 423 Walsh (5.5).

A miscellaneous group of general papers of interest to this particular field are:

7	Levi	0.3	Life table construction
599	Kahn	4.3	Reliability of plant safety systems
612	Armitage	5.0	Comparison of survival curve methods
80	Cox	6.8	Regression analysis of binary sequences
707	Zelen	9.2	Factorial experiments in life testing
305	Mercer & Smith	10.1	Random walk analysis of cumulative damage
716	Cox	10.0	Renewal problem: bulk ordering of components

4

Statistical Genetics

In connection with the evaluation of genetic parameters the following papers are of interest:

242	Döring & Walter	6.2	Inbreeding and relationship
220	Schwartz & Wearden	4.6	Heritability
451	Mode & Robinson	7.2	Variance and covariance
452	Robertson	7.2	Correlation
289	Robertson	9.4	Use of experiment design
246	Leech & Healy	6.1	Growth rate experiments
641	Blackith	6.3	Growth patterns: multivariate techniques
485	Wearden	9.4	Progeny tests: use of power function
480	Nordskog	9.4	Progeny tests: optimum groups
482	Rendel	9.4	Family selection: optimum groups

Other papers in the field of statistical genetics are : No. 709 Andersen (10.9); No. 121 Barker (10.9); No. 122 Bennett (10.9); No. 449 Henderson, Kempthorne, Searle & Krosigk (7.3); No. 245 Kempthorne & Nordskog (6.4); No. 97 Mather & Morley Jones (7.3); No. 307 Moran (10.9); No. 503 Moran (10.9); No. 137 Moran & Watterson (10.9); No. 30 Parsons (2.4); No. 672 Richter & Geisser (7.2); No. 446 Wette (6.0) and No. 747 Wright (10.9).

5

Miscellaneous

Two statistical problems of current interest are those of combining tests of significance or estimation and Bayes'

procedures. In the first of these two there are four papers to the abstracts of which attention can be drawn :

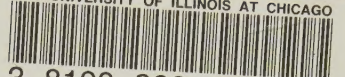
229	Good	5.0	Significance tests
398	Graybill & Deal	4.1	Unbiased estimators
232	Lipták	5.0	Significance tests
637	Zelen & Joel	5.2	Significance tests

There were also four papers dealing specifically with Bayes' procedures ;

265	Aggarwal	8.7	Sampling from finite and infinite populations
678	Guthrie & Johns	8.8	Acceptance for large lots
52	Le Cam	4.0	Asymptotic properties
335	Scarf	0.8	Inventory problem

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